Quiggly Connector Performance Measurement Plan
GCAXXXX
December 9, 2009

The services provided under the Quiggly Connector Project consist of two distinct elements. Service between Tohamish Island and Quiggly Station is provided by Canto Transit. Service between Sand Bar Station and Quiggly Station is provided by Weis Transit. The funds provided by WSDOT for the route serving Sand Bar are passed through to Weis Transit via an inter-local agreement. Weis Transit submits quarterly invoices and reports to Canto Transit. Canto Transit is responsible for monitoring the progress of the project and submiting final reports and invoices to WSDOT. This Performance Measurement Plan consists of separate but similar plans for each agency.

Performance Measures for Canto Transit

This project consists of commuter services connecting Tohamish Island to Quiggly Station. There are two stops between the origin and destination of the route. These stops are located within approximately three miles of the route origin. Passenger boardings are recorded manually by the drivers on the trip logs at each stop during the day. The information on the trip logs is then compiled to determine the average trip length and total ridership. This information is reviewed daily to determine the accuracy of the information and make any needed adjustments. Ridership and average trip length statistics are applied to the equations supplied by WSDOT to determine vehicle trips and miles reduced by the project.

Canto Transit reviews internal statistics and those provided by Weis Transit on a quarterly basis to assess project performance of the project and to ensure we are meeting the projections identified in our application to WSDOT for funding. Following the completion of this grant, Canto Transit shall continue to monitor this project and provide ongoing reports for such time periods as required by WSDOT.

Key Facts:
One Way trip length = 34.8 miles
Average Daily Ridership (1st Quarter 09-11 Grant Cycle) = 148 (total of 9,574 trips provided)
One-way bus trips per week day = 16

Method for Calculating Vehicle Trips Reduced and Vehicle Miles Traveled Reduced:
Vehicle Trips Reduced =
(Average Daily Riders * Days of Service) – (Number of one way bus trips * Days of Service)
Vehicle Miles Traveled Reduced =
Vehicle Trips Reduced * Average Trip Length

Performance Measures for Weis Transit

This commuter service will continue to provide transit along a congested corridor connecting areas between Sand Bar and Quiggly Washington.

The following information will be gathered on a quarterly basis in an effort to effectively measure the reduction of vehicle miles traveled, which is the indicator of successful performance on this project.

Daily Ridership: Source of data from actual passenger count from on board data collection equipment (GFI).

Weis Transit uses WSDOT's Effectiveness Measures calculations for a transit service project along with data collected on the project to determine the quarterly Vehicle Miles Reduced and submit this information to Canto Transit quarterly.

Weis Transit compiles the quarterly reduction in vehicle miles reduced on an annual basis, for comparison with the estimated projection of vehicle miles reduced that was submitted with grant application for Weis Transit.

The quarterly and annual reports are submitted to Canto Transit, who incorporate this information for a combined report covering both agencies and then passes the information onto WSDOT RMG. Following the completion of this grant, Weis Transit shall continue to monitor this project and provide ongoing reports to Canto Transit for such time periods as required by WSDOT.

Key Facts:
One-way trip length = Average 35 miles
Bus Trips per day = 20 trips per weekday
Average of 198 passenger per day in 63 days of service

Method for Calculating Vehicle Trips Reduced and Vehicle Miles Traveled Reduced:
Vehicle Trips Reduced =
(Average Daily Riders * Days of Service) – (Number of one way bus trips * Days of Service)
Vehicle Miles Traveled Reduced =
Vehicle Trips Reduced * Average Trip Length